

DATE 06/14/2006

Columbia County Building Permit

PERMIT  
000024626

This Permit Expires One Year From the Date of Issue

APPLICANT ROBERT MCINTOSH PHONE 754-8678  
ADDRESS 289 NW CORINTH DRIVE LAKE CITY FL 32024  
OWNER DREW JACKSON PHONE 754-9100  
ADDRESS 3308 NW BROWN ROAD LAKE CITY FL 32055  
CONTRACTOR MICHAEL DELAHOZ PHONE 386.754.8678  
LOCATION OF PROPERTY 90W, TR ON BROWN ROAD, 1/4 ON LEFT, BEFORE ENTRANCE TO  
STAR LAKE (2ND PLACE ON L)

TYPE DEVELOPMENT SCREEN POOL ENCL ESTIMATED COST OF CONSTRUCTION 14500.00  
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES  
FOUNDATION WALLS ROOF PITCH FLOOR  
LAND USE & ZONING RSF-2 MAX. HEIGHT  
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00  
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 28-3S-16-02372-052 SUBDIVISION STAR LAKE ESTATES  
LOT 2 BLOCK PHASE UNIT TOTAL ACRES 0.91

SCC056689  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
EXISTING X-06-0171 BLK JTH N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE.  
Check # or Cash 3040

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic  
date/app. by date/app. by date/app. by  
Under slab rough-in plumbing Slab Sheathing/Nailing  
date/app. by date/app. by date/app. by  
Framing Rough-in plumbing above slab and below wood floor  
date/app. by date/app. by  
Electrical rough-in Heat & Air Duct Peri. beam (Lintel)  
date/app. by date/app. by date/app. by  
Permanent power C.O. Final Culvert  
date/app. by date/app. by date/app. by  
M/H tie downs, blocking, electricity and plumbing Pool  
date/app. by date/app. by  
Reconnection Pump pole Utility Pole  
date/app. by date/app. by date/app. by  
M/H Pole Travel Trailer Re-roof  
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 75.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00  
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ FIRE FEE \$ 0.00 WASTE FEE \$  
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 75.00  
INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

# Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0605-51 Date Received 5-15-06 By CH Permit # 24626  
 Application Approved by - Zoning Official BWIS Date 5-15-06 Plans Examiner OKJTH Date 5-16-06  
 Flood Zone X Development Permit N/A Zoning RSF 2 Land Use Plan Map Category Res.  
 Comments Low Dep.

Applicants Name Robert McIntosh Phone 386-754-8678  
 Address 289 NW Corinth Dr Lake City, FL  
 Owners Name Jackson, Drew Thomas Phone 754-9100  
 911 Address 3308 NW Brown Lake City, FL 32055  
 Contractors Name Michael A Delatour Phone 386-754-8678  
 Address PO Box 52436, Sanford, FL 32752  
 Fee Simple Owner Name & Address N/A  
 Bonding Co. Name & Address N/A  
 Architect/Engineer Name & Address Gordon Sheppardson 1026 S. Semoran Blvd Winter Park  
 Mortgage Lenders Name & Address N/A  
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
 Property ID Number 28-35-16-02372-052 Estimated Cost of Construction 14,500.00  
 Subdivision Name Star Lake S/D Lot 2 Block      Unit      Phase       
 Driving Directions West Hwy 90 past I-75, Right on NW Brown Rd, Star Lake S/D, 2nd on left  
 Type of Construction Screened Pool Enclosure Number of Existing Dwellings on Property 1  
 Total Acreage .910 Lot Size 148 x 258.31 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
 Actual Distance of Structure from Property Lines - Front 81' Side 87' Side 78' Rear 42'  
 Total Building Height 8'6" Number of Stories 1 Heated Floor Area None Roof Pitch 3'6"

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
 his      day of      20      
 Personally known      or Produced Identification     

Contractor Signature [Signature]  
 Contractors License Number SC056689  
 Competency Card Number       
 NOTARY STAMP/SEAL

Nadean G.S. McIntosh  
 Commission # DD371494  
 Expires November 14, 2008  
 Bonded by Felt - Insurance, Inc. 800-385-7019

Notary Signature [Signature]

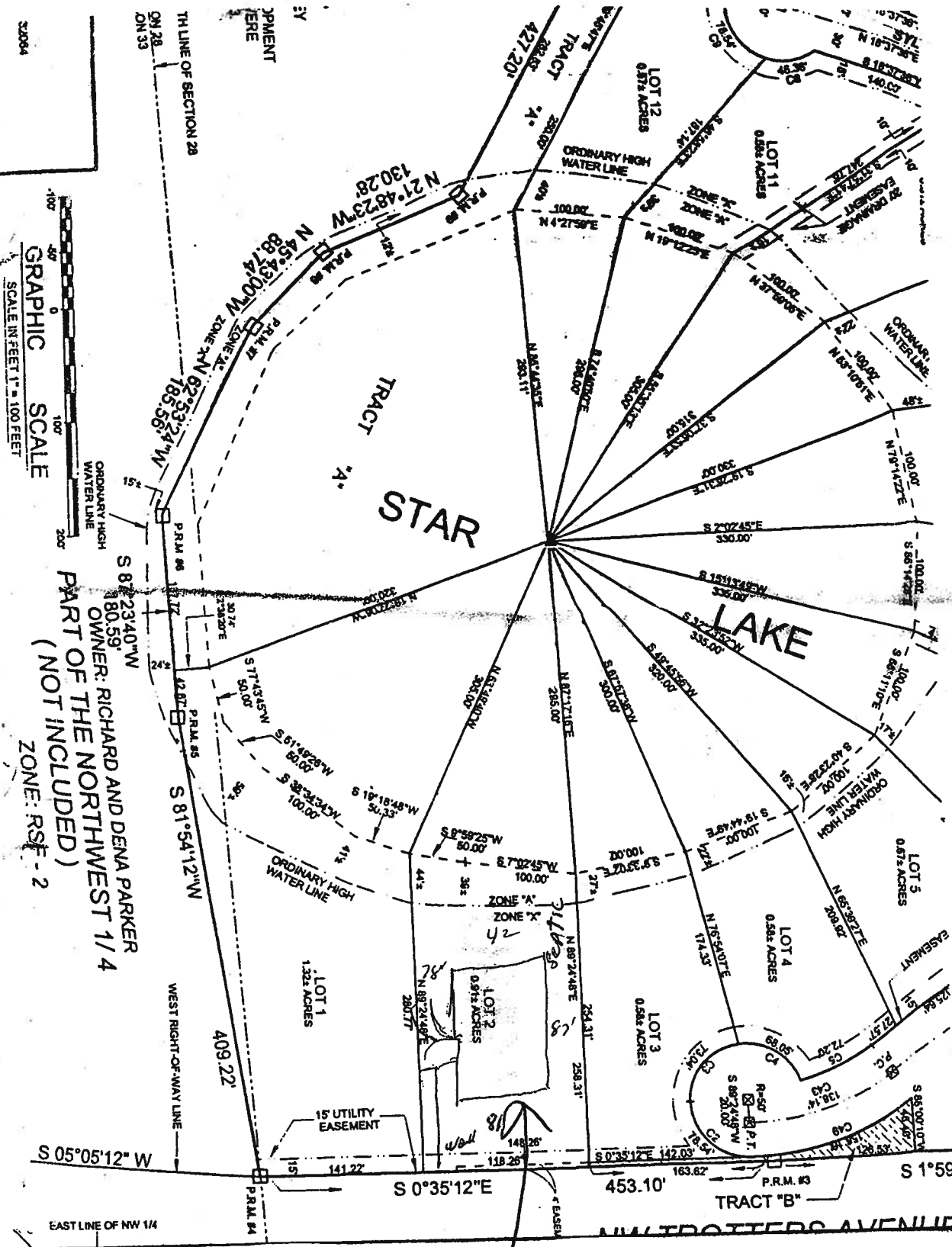
7th Avenue Dr

3040

32064

GRAPHIC SCALE  
SCALE IN FEET 1" = 100 FEET

OWNER: RICHARD AND DENA PARKER  
PART OF THE NORTHWEST 1/4  
(NOT INCLUDED)  
ZONE: RSF - 2



Drew

# Columbia County Property Appraiser

DB Last Updated: 1/9/2006

Parcel: 28-3S-16-02372-052

## 2006 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

### Owner & Property Info

Search Result: 1 of 1

<b>Owner's Name</b>	JACKSON DREW THOMAS
<b>Site Address</b>	
<b>Mailing Address</b>	443 NE GOLD DUST RD BRANFORD, FL 32008
<b>Brief Legal</b>	LOT 2 STAR LAKE S/D.986-1416

<b>Use Desc. (code)</b>	VACANT (000000)
<b>Neighborhood</b>	28316.00
<b>Tax District</b>	2
<b>UD Codes</b>	MKTA06
<b>Market Area</b>	06
<b>Total Land Area</b>	0.910 ACRES

### Property & Assessment Values

<b>Mkt Land Value</b>	cnt: (1)	\$50,000.00
<b>Ag Land Value</b>	cnt: (0)	\$0.00
<b>Building Value</b>	cnt: (0)	\$0.00
<b>XFOB Value</b>	cnt: (0)	\$0.00
<b>Total Appraised Value</b>		\$50,000.00

<b>Just Value</b>	\$50,000.00
<b>Class Value</b>	\$0.00
<b>Assessed Value</b>	\$50,000.00
<b>Exempt Value</b>	\$0.00
<b>Total Taxable Value</b>	\$50,000.00

### Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
6/4/2003	986/1416	WD	V	Q		\$46,900.00

### Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

### Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

### Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.910AC)	1.00/1.00/1.00/1.00	\$50,000.00	\$50,000.00

Columbia County Property Appraiser

DB Last Updated: 1/9/2006

1 of 1

### Disclaimer

NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 28-38-16-02372-052

1. Description of property: (legal description of the property and street address or 911 address)

Lot 2 Star Lake S/D. 986-1416

2. General description of improvement: Screened Pool Enclosure

3. Owner Name & Address Drew Jackson 3308 NW Brown Rd Lake City  
FL 32055 Interest in Property Owner

4. Name & Address of Fee Simple Owner (if other than owner): n/a

5. Contractor Name Mike Delatoy Phone Number 386-754-8678  
Address 289 NW Corinth Dr Lake City, FL 32055

6. Surety Holders Name n/a Phone Number \_\_\_\_\_  
Address \_\_\_\_\_  
Amount of Bond \_\_\_\_\_

7. Lender Name n/a Phone Number \_\_\_\_\_  
Address \_\_\_\_\_

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name n/a Phone Number \_\_\_\_\_  
Address \_\_\_\_\_

9. In addition to himself/herself the owner designates FL Pool Enclosures of  
289 NW Corinth Dr Lake City FL 32055 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -  
(a) 7. Phone Number of the designee 386-754-8678

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,  
(Unless a different date is specified) \_\_\_\_\_ Inst: 2006011755 Date: 05/15/2006 Time: 10:49

S.P. DC, P. DeWitt Cason, Columbia County B: 1083 P: 1898

**NOTICE AS PER CHAPTER 713, Florida Statutes:**

The owner must sign the notice of commencement and

[Signature]  
Signature of Owner

Sworn to (or affirmed) and subscribed before  
day of May, 2006

NOTARY STAMP/SEAL  Nadean G.S. McIntosh  
Commission # DD371494  
Expires November 14, 2008  
Bonded Troy Palm - Insurance, Inc. 850-365-7010

[Signature]  
Signature of Notary

# FLILINE INC.

A civil engineering firm  
1025 South Semoran Boulevard  
Suite 1093  
Winter Park FL 32782  
(407) 678-7500  
Fax (407) 678-8188

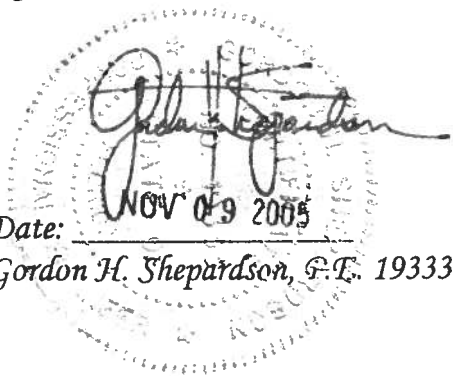
## Authorization Letter to use Aluminum Design Manual Master-file

Authorization for: Florida Pool Enclosures, Inc.  
289 Northwest Corinth Drive  
Lake City, FL 32055

Building Official,

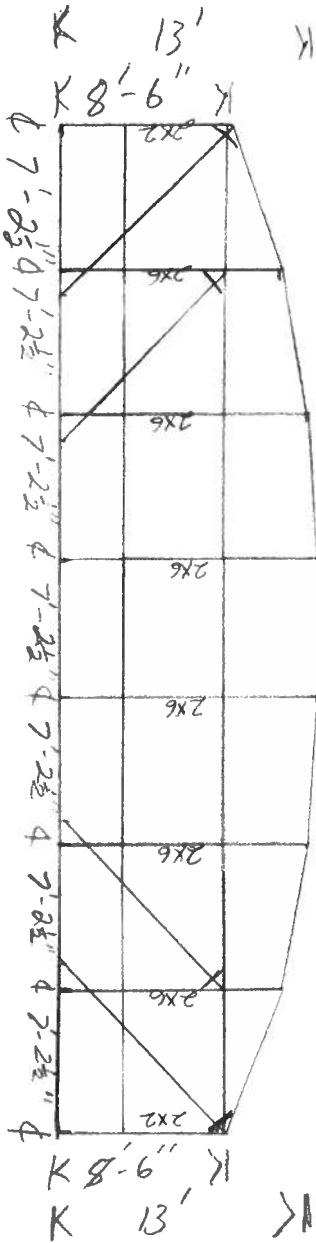
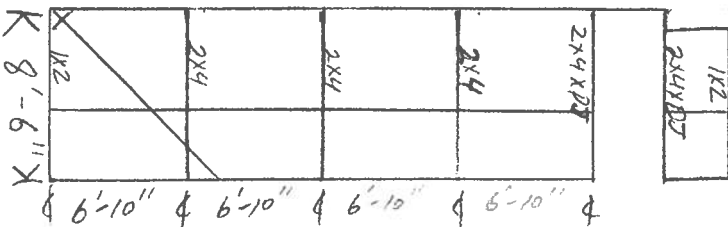
The above referenced contractor is hereby authorized to use our Aluminum Design Manual as a master-file to obtain all permits in your jurisdiction for the time period of October 1<sup>st</sup>, 2005 thru September 30, 2006. If this authorization is to be revoked prior to the ending date indicated we will notify you in writing via mail or facsimile. Any indication of the alteration of this document will void the authorization. Gordon H. Shepardson's, the engineer of record, signature and raised seal is required on this letter to validate the authorization. Thank you for your cooperation.

Signed:

The seal is circular with the text "FLORIDA ENGINEERING" around the top and "GORDON H. SHEPARDSON" around the bottom. The date "NOV 09 2005" is stamped in the center.

Date: NOV 09 2005

Gordon H. Shepardson, P.E. 19333





# FLILINE INC.

A civil engineering firm  
1025 South Semoran Boulevard  
Suite 1083  
Winter Park FL 32782  
(407) 679-7500  
Fax (407) 679-9188

## Aluminum Engineering Index Sheet

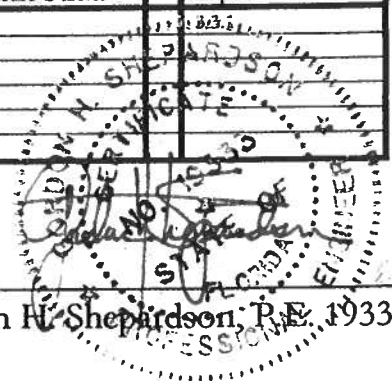
This index sheet specifies the master-file pages that can apply for the appropriate type of structure. Typical and Detail sheets and tables indicated are suggested for the type of structure, but do not need to apply in total. The appropriate typical and detail sheets and tables shall be marked as they apply. The listed pages are the only pages that need to be attached per type of structure. Index sheets should be attached with our engineering pages for issuance of a permit. Any signs of alteration shall void this index sheet. Unauthorized typical and detail sheets or span tables cannot be used in conjunction with our engineering designs.

CONTRACTOR:		JOB REFERENCE:	
Company Name:	Florida Pool Enclosures	Owner Name:	Jackson, Drew
Address:	289 Northwest Corinth Dr. Lake City, FL 32055	Address:	3308 NW Brown Lake City FL 32055
Phone number:	386-754-8675	Legal Description:	lot 2 Star Lake S/D
Member ID Number:			

Dome Screen enclosure	Mansard Screen enclosure	Splice gable & No splice gable Screen enclosure	Flat Screen enclosure	Composite roof with Screen enclosure	Pan roof with Screen enclosure
1.1.1	1.1.2	1.1.3	1.1.4	2.2.1	3.2.1
1.2.1	1.2.1	1.2.1	1.2.1	2.2.2	3.2.2
1.2.2	1.2.2	1.2.2	1.2.2	2.2.3	3.2.3
1.2.3	1.2.3	1.2.3	1.2.3	1.2.10	1.2.10
1.2.4	1.2.4	1.2.4	1.2.4	1.2.11	1.2.11
1.2.5	1.2.5	1.2.5	1.2.5		
1.2.6	1.2.6	1.2.6	1.2.6		
1.2.7	1.2.7	1.2.7	1.2.7		
1.2.10	1.2.9	1.2.8	1.2.10		
1.2.11	1.2.10	1.2.10	1.2.11		
	1.2.11	1.2.11			
Exposure B tables	Exposure B tables	Exposure B tables	Exposure B tables	Exposure B tables	Exposure B tables
100mph/1.3.2.100B	100mph/1.3.2.100B	100mph/1.3.2.100B	100mph/1.3.2.100B	2.3.1	3.3.1
110mph/1.3.2.110B	110mph/1.3.2.110B	110mph/1.3.2.110B	110mph/1.3.2.110B		
120mph/1.3.2.120B	120mph/1.3.2.120B	120mph/1.3.2.120B	120mph/1.3.2.120B		
130mph/1.3.2.130B	130mph/1.3.2.130B	130mph/1.3.2.130B	130mph/1.3.2.130B		
140mph/1.3.2.140B	140mph/1.3.2.140B	140mph/1.3.2.140B	140mph/1.3.2.140B		
150mph/1.3.2.150B	150mph/1.3.2.150B	150mph/1.3.2.150B	150mph/1.3.2.150B		
Exposure C tables	Exposure C tables	Exposure C tables	Exposure C tables	Exposure C tables	Exposure C tables
100mph/1.3.2.100C	100mph/1.3.2.100C	100mph/1.3.2.100C	100mph/1.3.2.100C	2.3.1	
110mph/1.3.2.110C	110mph/1.3.2.110C	110mph/1.3.2.110C	110mph/1.3.2.110C		
120mph/1.3.2.120C	120mph/1.3.2.120C	120mph/1.3.2.120C	120mph/1.3.2.120C		
130mph/1.3.2.130C	130mph/1.3.2.130C	130mph/1.3.2.130C	130mph/1.3.2.130C		
140mph/1.3.2.140C	140mph/1.3.2.140C	140mph/1.3.2.140C	140mph/1.3.2.140C		
150mph/1.3.2.150C	150mph/1.3.2.150C	150mph/1.3.2.150C	150mph/1.3.2.150C		

Date: MAY 22 2005

Gordon H. Shephardson, P.E. 19333

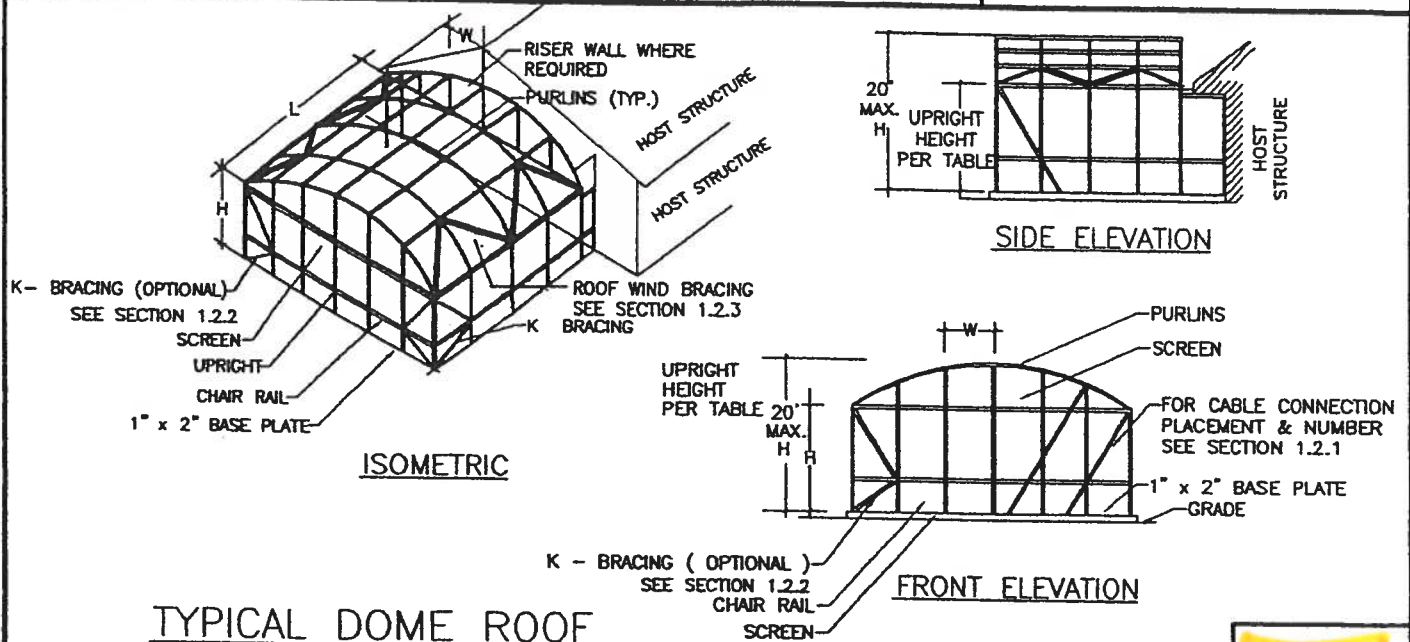




## SECTION 1.1.1

## DOME

## SCREEN ENCLOSURES

REVISIONS  
02/15/05

TYPICAL DOME ROOF

APPLIES

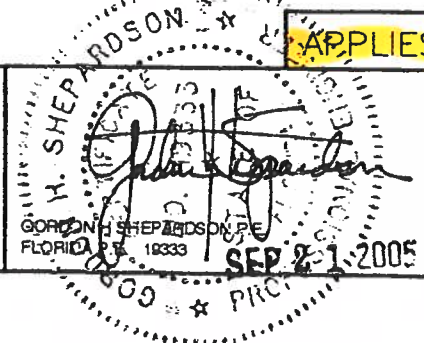
## (STANDARDS)

- 1) DESIGN CONFORMS TO THE FLORIDA BUILDING CODE 2004 AS AMENDED & THE FLORIDA BUILDING CODE RESIDENTIAL AS AMENDED & ASCE 7-98 FOR WIND LOAD ON THE ATTACHED TABLES.
- 2) ALL SCREEN ENCLOSURES GREATER THAN 20'-0" MAX. HEIGHT OR GREATER THAN 40'-0" PROJECTION FROM THE HOST STRUCTURE (REGARDLESS OF DIRECTION OF BEAM SPAN) OR WITH A BEAM SPAN GREATER THAN 40'-0", WILL REQUIRE SITE SPECIFIC SIGNED AND SEALED ENGINEERING PLANS AND SIGNED AND SEALED LAYOUT DRAWINGS.
- 3) STRUCTURAL DETAIL DRAWING SHALL RELATE TO 6063-T6, 6061-T5, OR 6061-T6 ALUMINUM EXTRUSIONS WITH AN ACTUAL WALL THICKNESS OF NOT LESS THAN 0.040.
- 4) ALUMINUM SURFACES IN CONTACT WITH LIME-MORTAR, CONCRETE OR OTHER MASONRY MATERIALS, SHALL BE PROTECTED WITH ALKALI-RESISTANT COATINGS SUCH AS HEAVY-BODIED BITUMINOUS PAINT OR WATER - WHITE METHACRYLATE LACQUER.
- 5) ALUMINUM IN CONTACT WITH WOOD OR OTHER ABSORBING MATERIALS WHICH MAY BECOME REPEATEDLY WET SHALL BE PAINTED WITH TWO COATS OF ALUMINUM METAL AND MASONRY PAINT, OR HEAVY-BODIED BITUMINOUS PAINT, OR THE WOOD OR ABSORBING MATERIAL SHALL BE PAINTED WITH TWO COATS OF ALUMINUM HOUSE PAINT AND THE JOINTS SEALED WITH HIGH QUALITY CAULKING COMPOUND.
- 6) ALL FASTENERS WILL BE 24" C- C MAX. UNLESS OTHERWISE NOTED. SCREWS SHALL BE COATED WEATHER SEALED.
- 7) NO OPEN AREA BETWEEN ALUMINUM SHALL EXCEED 56 S.F.
- 8) ALL SCREEN ENCLOSURE DOORS SHALL BE SELF LATCHING AND CLOSING AND MAY BE LOCATED INTO ANY SCREEN PANEL OPENING.
- 9) DISTANCE BETWEEN PURLINS SHALL NOT EXCEED 84 INCHES CENTER TO CENTER.
- 10) ALL PURLINS AND CHAIR RAILS WILL BE ATTACHED WITH MIN. OF 3 SCREWS INTO SCREW BOSS EACH SIDE. SEE SECTION 1.2.3 FOR PURLIN AND CHAIR RAIL SCHEDULE.
- 11) ENCLOSURE MUST BE GROUNDED AND BONDED IN ACCORDANCE WITH N.E.C.
- 12) NO UNAPPROVED APPENDICES OR ACCESSORIES MAY BE ATTACHED TO ANY ALUMINUM MEMBERS WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- 13) WHEN 6061-T5 OR 6061-T6 ALUMINUM ALLOY IS USED IN A STRUCTURE FOR UPRIGHTS, BEAMS, KNEE BRACES, WIND BRACES, AND K-BRACES, 6063-T6 ALUMINUM ALLOY MAY BE USED FOR PURLINS, CHAIR RAILS, TOP PLATES, AND BOTTOM PLATES.
- 14) THIS IS AN OPEN ALUMINUM FRAMED STRUCTURE WITH SCREEN (MAX MESH OF 20/20) ROOF AND WALLS. IT HAS AN IMPORTANCE FACTOR (I<sub>w</sub>) OF 0.77. DESIGN LOADS ARE BASED ON TABLE 2002.4 OF 2004 FLORIDA BUILDING CODE FOR A MEAN HEIGHT UP TO 30 FT.

APPLIES

THIS PAGE CAN ONLY BE USED  
IF THE CONTRACTOR IS  
AUTHORIZED TO USE THE  
MASTER FILE MANUAL OR IF  
THE PAGE HAS AN ORIGINAL  
SIGNATURE AND SEAL

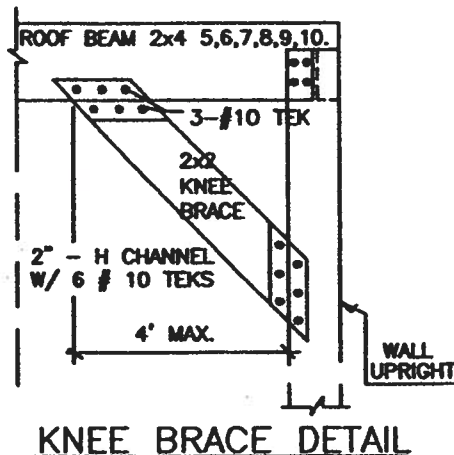
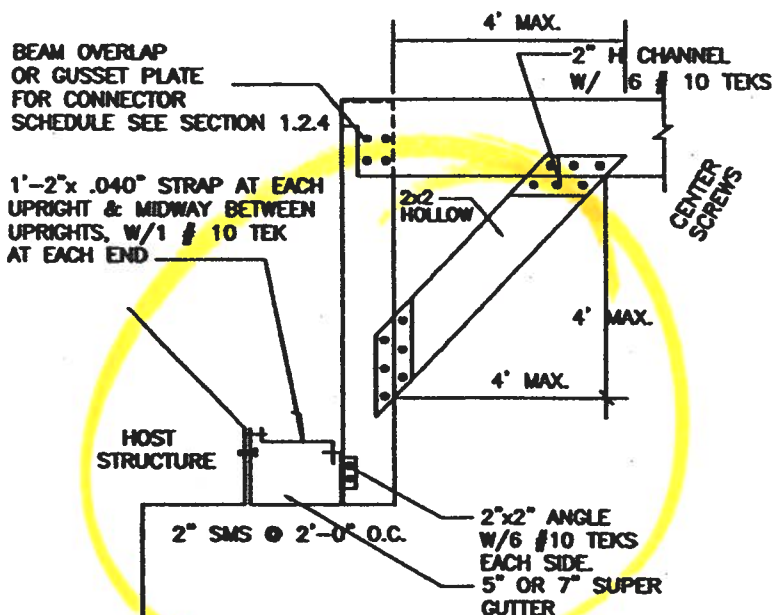
FLILINE INC.  
1025 S. SEMORAN BLVD.  
SUITE 1093  
WINTER PARK FL 32792  
TEL (407) 679-7500  
FAX (407) 679-9188  
E-MAIL



## SECTION 1.2.3

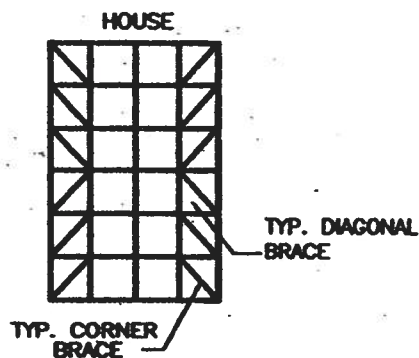
## DETAILS

## SCREEN ENCLOSURES

REVISIONS  
02/15/05

## STRUCTURAL GUTTER &amp; KNEE BRACE DETAIL

APPLIES



## ROOF WIND BRACE, PURLIN &amp; CHAIR RAIL SIZING

ROOF BEAM	PURLIN	WIND BRACE	WALL UPRIGHT	CHAIR RAIL
2x7 OR LESS	2x2	2x2	2x7 OR LESS	2x2
2x8	2x3	2x3	2x8	2x3
2x9	2x3	2x3	2x9	2x3
2x10	2x4	2x4	2x10	2x4

**NOTE:** WIND BRACING SHALL NOT BE REQUIRED WHERE BEAMS AND PURLINS ARE LATERALLY SUPPORTED BY CONNECTION TO HOST STRUCTURE.

**NOTE:** WIND BRACING ATTACHMENT TO BE WITH GUSSET PLATE, H CHANNEL OR RECEIVING CHANNEL. NO TOE NAILING IS ALLOWED

PLAN VIEW  
(N.T.S.)

## ROOF WIND BRACING, PURLIN &amp; CHAIR RAIL DETAIL

APPLIES

THIS PAGE CAN ONLY BE USED IF THE CONTRACTOR IS AUTHORIZED TO USE THE MASTER FILE MANUAL OR IF THE PAGE HAS AN ORIGINAL SIGNATURE AND SEAL.

FUJINE INC.  
1025 S. SEMORAN BLVD.  
SUITE 1093  
WINTER PARK FL. 32792  
TEL (407) 679-7500  
FAX (407) 679-9188  
E-MAIL

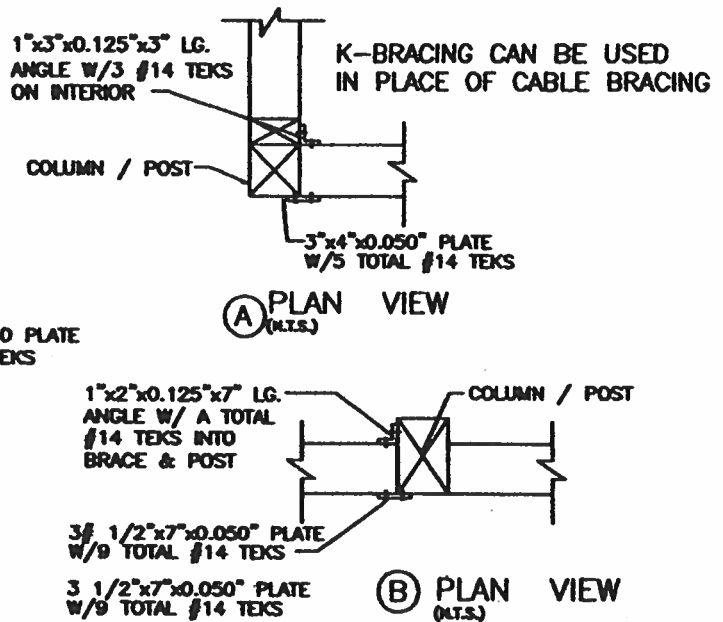
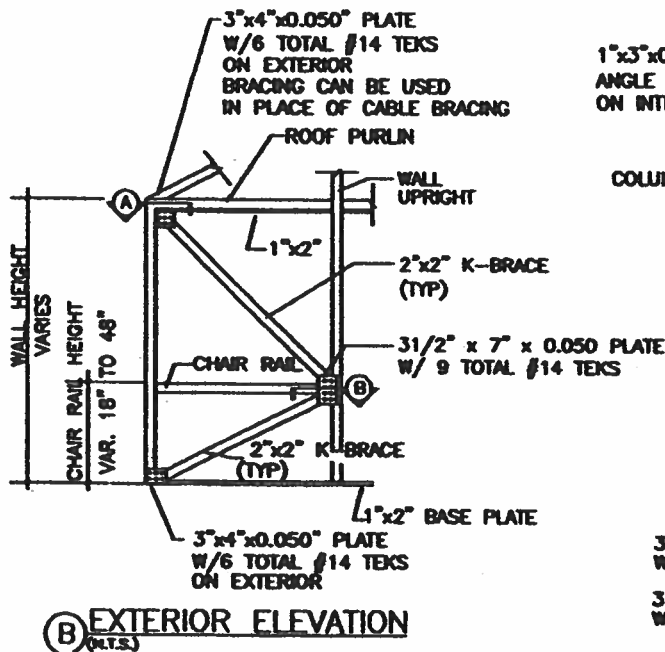
FEB 15 2005

GORDON H. SHEPARDSON P.E.  
FLORIDA P.E. 10838

## SECTION 1.2.2

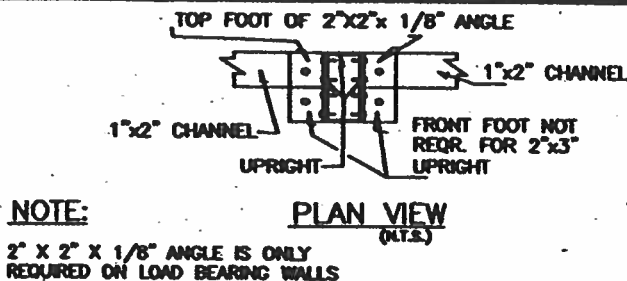
## DETAILS

## SCREEN ENCLOSURES

REVISIONS  
02/15/05

## K-BRACING DETAIL

APPLIES



## NOTE:

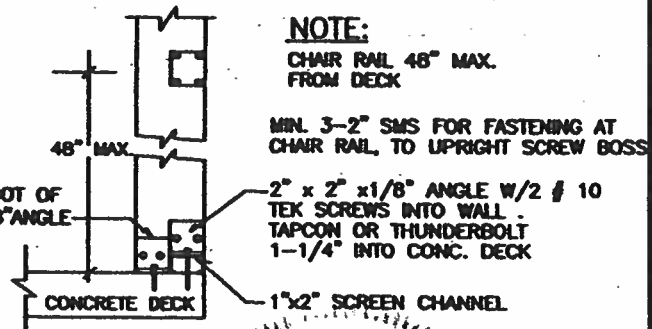
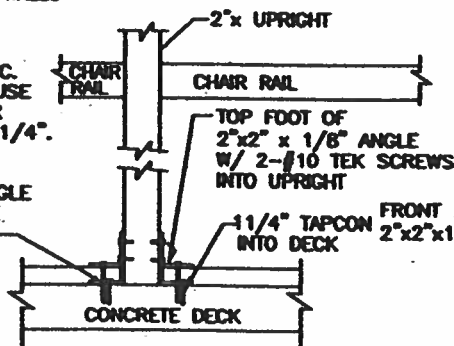
USED WITH ALL  
SCREEN TYPES

## NOTE:

2X2 ANGLE ONLY ON  
LOAD BEARING WALL

FRONT FOOT TABLE							
UPRIGHT SIZES	x4	x5	x6	x7	x8	x9	x10
1/4" TAPCON EACH SIDE	1	2	2	3	3	4	4
#10 TEK SCREWS EACH SIDE	2	4	4	6	6	8	8
HIGHLIGHT ONE							
SELECT LOADBEARING UPRIGHT SIZES							

## NOTE:

TAPCON MUST GO INTO CONC.  
A MINIMUM OF 1-1/4". IF USE  
PAVERS ON DECK, FASTENER  
WILL EXTEND INTO DECK 1-1/4".FRONT FOOT OF  
2" x 2" x 1/8" ANGLE  
SEE ABOVE TABLE  
FOR FASTENERS

## NOTE:

CHAIR RAIL 48" MAX.  
FROM DECKMIN. 3-2" SMS FOR FASTENING AT  
CHAIR RAIL, TO UPRIGHT SCREW BOSS

## TYPICAL DECK PLATE &amp; POST CONNECTION

APPLIES

THIS PAGE CAN ONLY BE USED  
IF THE CONTRACTOR IS  
AUTHORIZED TO USE THE  
MASTER FILE MANUAL OR IF  
THE PAGE HAS AN ORIGINAL  
SIGNATURE AND SEAL.FLILINE INC.  
1025 S. SEMORAN BLVD.  
SUITE 1093  
WINTER PARK FL 32792  
TEL (407) 679-7500  
FAX (407) 679-9188  
E-MAIL

FEB 15 2005

GORDON H. SHEPARDSON P.E.  
FLORIDA P.E. 10333



## SECTION 1.2.1

## DETAILS

## SCREEN ENCLOSURES

REVISIONS  
02/15/05FRONT WALL--1/8" STAINLESS STEEL CABLE

2 CABLE FOR EVERY 200 SQ. FT.

NOTE: ALL WALLS OVER 15" HIGH MUST HAVE 1/2 OR MORE OF THE CABLES AT THE TOP OF THE WALL, ABOVE THE TOP CHAIR RAIL.

SIDE WALL--1/8" STAINLESS STEEL CABLE

UP TO 200 SQ. FT. OF WALL: NO CABLE NEEDED

OVER 200 SQ. FT.: 1 CABLE PER EVERY 200 SQ. FT.

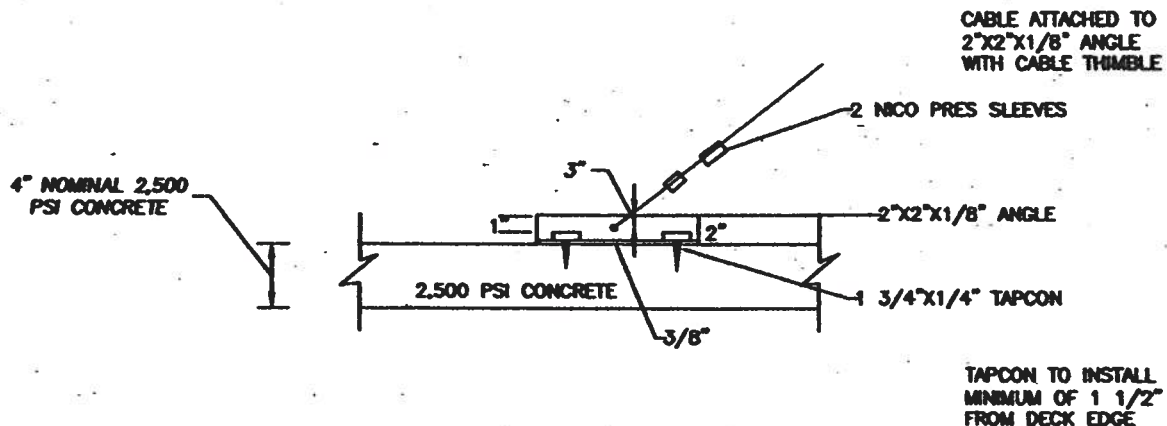
NOTE: ALL WALLS OVER 15" HIGH MUST HAVE 1/2 OR MORE OF THE CABLES AT THE TOP OF THE WALL, ABOVE THE TOP CHAIR RAIL.

HOMEOWNER MAINTENANCE RESPONSIBILITY:  
CABLE MUST REMAIN TIGHT AT ALL TIMES. CABLE SHOULD BE TIGHTENED PERIODICALLY TO REMOVE SLACK. TO AVOID DAMAGE CONTACT A QUALIFIED SERVICE COMPANY.CABLE CORNER  
PLATE 1/8" ALUM.  
W/ 8 # 10 TEXSCABLE BRACING CAN BE USED  
IN PLACE OF K-BRACINGTENSIONING  
EYEBOLTMIN 2 DRIVE PINS OR  
2 - 11/4" x 1/4" TAPCONTOP FASTENER 1 1/2" BELOW  
TOP OF CONCRETE, NO  
NO FASTENING TO PAVERS

CONC. DECK

TOP CHAIR RAIL WHEN  
PANEL EXCEED 56 S.F.2ND CABLE SET  
1ST CABLE SET  
3RD CABLE SETSCREEN CABLE BRACING DIAGRAMCABLE SCHEDULE FOR SCREEN ENCLOSURE

APPLIES

CABLE BRACE MOUNTED ON TOP OF CONCRETE DECK

APPLIES

THIS PAGE CAN ONLY BE USED  
IF THE CONTRACTOR IS  
AUTHORIZED TO USE THE  
MASTER FILE MANUAL OR IF  
THE PAGE HAS AN ORIGINAL  
SIGNATURE AND SEAL.FLJLINE INC.  
1025 S. SEMORAN BLVD.  
SUITE 1093  
WINTER PARK FL. 32792  
TEL. (407) 679-7500  
FAX (407) 679-9188  
E-MAIL

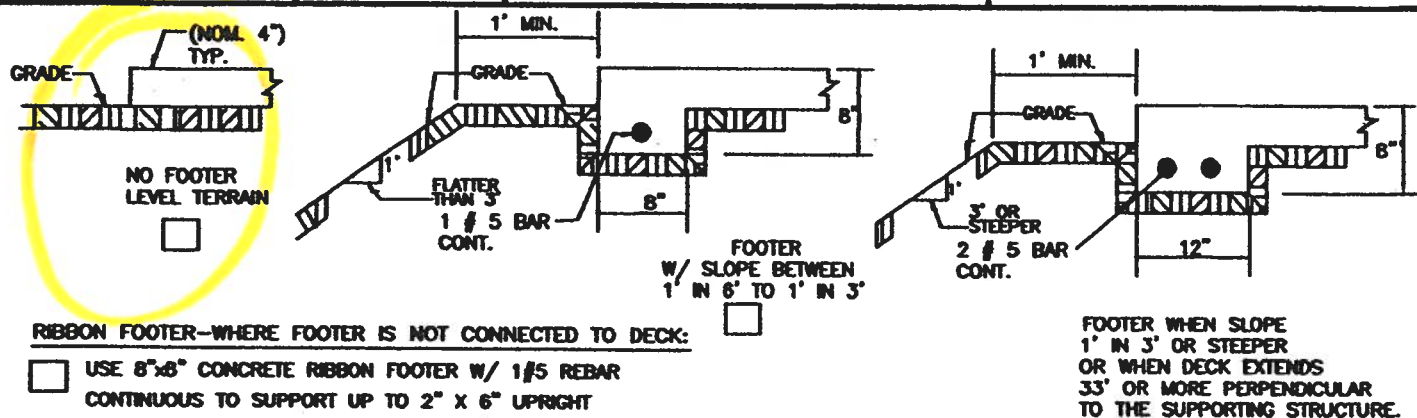
FEB 15 2005

GORDON H. SHEPARDSON P.E.  
FLORIDA P.E. 10333

## SECTION 1.2.10

## DETAILS

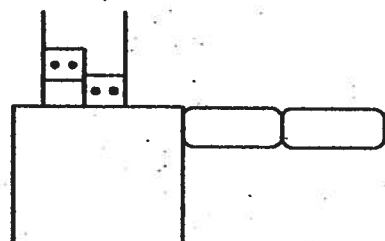
## SCREEN ENCLOSURES

REVISIONS  
02/15/05RIBBON FOOTER—WHERE FOOTER IS NOT CONNECTED TO DECK:

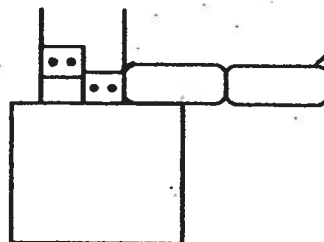
- ☐ USE 8"x8" CONCRETE RIBBON FOOTER W/ 1#5 REBAR  
CONTINUOUS TO SUPPORT UP TO 2" X 6" UPRIGHT
- ☐ USE 8"x 12" CONCRETE RIBBON FOOTER W/ 2 # 5 REBARS CONTINUOUS  
TO SUPPORT UPRIGHTS LARGER THAN 2" X 6"
- 1) FOOTER SHALL BEAR ON ROCK, CLEAN SAND, OR STRUCTURALLY SOUND SOIL (>1500 PSI) THAT SHALL BE COMPACTED TO PROVIDE OPTIMUM BEARING CAPACITY TO PREVENT SETTLING.
  - 2) CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 2,500 PSI W/ FIBER MESH OR 6x6-10x10 W W MESH.
  - 3) 3 - #3 BARS IS EQUIVALENT TO 1 #5 BARS.

TYPICAL SCREEN DECK FOOTER DETAIL

APPLIES



ALTERNATE 1



ALTERNATE 2

PAVERS SHOULD BE INSTALLED AFTER  
COMPLETION OF SCREEN ENCLOSURESNOTE:SEE TYPICAL SCREEN DECK FOOTER DETAIL  
FOR FOOTER DETAILS AND SIZING.RIBBON FOOTERS FOR BRICK PAVERS

APPLIES

THIS PAGE CAN ONLY BE USED  
IF THE CONTRACTOR IS  
AUTHORIZED TO USE THE  
MASTER FILE MANUAL OR IF  
THE PAGE HAS AN ORIGINAL  
SIGNATURE AND SEAL.FJLINE INC.  
1025 S. SEMORAN BLVD.  
SUITE 1093  
WINTER PARK FL 32792  
TEL. (407) 679-7500  
FAX (407) 679-9188  
E-MAIL

FEB 15 2005

GORDON H. SHEPARDSON P.E.  
FLORIDA P.E. 93333

## SECTION 1.2.4

## DETAILS

## SCREEN ENCLOSURES

REVISIONS  
02/15/05

		BEAMS						
		2x4	2x5	2x6	2x7	2x8	2x9	2x10
UPRIGHT	2x4	8	10	10	14	X	X	X
	2x5	10	10	14	16	16	X	X
	2x6	10	14	16	16	18	18	X
	2x7	14	16	16	18	18	20	X
	2x8	16	16	18	18	20	22	22
	2x9	16	18	18	20	22	22	24
	2x10	18	18	20	22	22	24	24

#10 TEK SCREWS EACH SIDE OF BEAM  
X- NO CONNECTION ALLOWED

## NOTE:

SCREW PATTERN-1"  
CLEARANCE ON ALL 4 SIDES  
OF THE GUSSET PLATE OR  
BEAM OVERLAP.  
SCREWS ARE TO BE EQUALLY  
SPACED FROM TOP TO BOTTOM  
AND SIDE-TO-SIDE. SCREWS  
MUST BE WEATHER SEALED.

## NOTE:

GUSSET PLATE THICKNESS WILL  
BE EQUAL TO OR LARGER THAN  
LARGEST BEAM OR UPRIGHT USED.

		BEAMS						
		2x4	2x5	2x6	2x7	2x8	2x9	2x10
UPRIGHT	2x4	4	4	6	8	X	X	X
	2x5	4	4	8	8	10	X	X
	2x6	6	8	8	10	12	12	X
	2x7	8	8	10	12	12	14	X
	2x8	8	10	12	12	14	14	14
	2x9	10	12	12	14	14	16	16
	2x10	10	12	14	14	14	16	18

#14 TEK SCREWS EACH SIDE OF BEAM  
X- NO CONNECTION ALLOWED

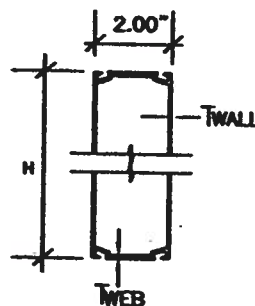
HOMEOWNER MAINTENANCE RESPONSIBILITY:  
FASTENERS SHOULD BE CHECKED PERIODICALLY FOR DETERIORATION.  
IF DETERIORATION IS DETECTED CONTACT A QUALIFIED SERVICE COMPANY.

## BEAM OVERLAP OR GUSSET PLATE CONNECTION

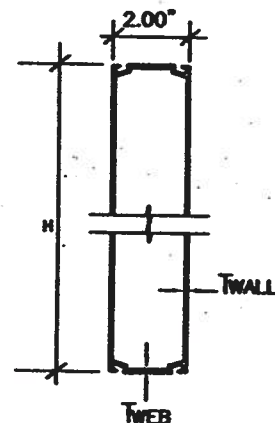
APPLIES

ALUMINUM			
PHYSICAL PROPERTIES			
2xH	T <sub>WALL</sub>	T <sub>WEB</sub>	SECTION MODULUS (IN <sup>3</sup> )
2x4	0.046	0.100	0.935
2x5	0.050	0.116	1.380
2x6	0.050	0.120	1.920
2x7	0.055	0.220	2.375
2x8	0.072	0.224	4.080
2x9	0.082	0.306	5.910
2x10	0.092	0.389	8.531

HOLLOW BEAM TABLE



SNAP EXTRUSION

SELF MATING  
BEAM

## ALUMINUM PHYSICAL PROPERTIES

APPLIES

THIS PAGE CAN ONLY BE USED  
IF THE CONTRACTOR IS  
AUTHORIZED TO USE THE  
MASTER FILE MANUAL OR IF  
THE PAGE HAS AN ORIGINAL  
SIGNATURE AND SEAL.

FLIINE INC.  
1025 S. SEMORAN BLVD.  
SUITE 1093  
WINTER PARK FL 32792  
TEL (407) 679-7500  
FAX (407) 679-9188  
E-MAIL

FEB 15 2005

GORDON H. SHEPARDSON P.E.  
FLORIDA P.E. 10333

# BEAM SPAN AND UPRIGHT HEIGHT TABLES

SECTION 1.3.2.110 B	SPAN TABLES	SCREEN ENCLOSURES	6063-T6 ALLOY 6061-T5 ALLOY 6061-T6 ALLOY 110MPH EXPOSURE B
ALUMINUM ALLOY : 6063-T6, 6061-T5, & 6061-T6 WIND ZONE: 110MPH EXPOSURE B			
ALL ROOF STYLES			
MAX. SPANS FOR ROOF BEAMS FOR SCREEN ROOF/POOL ENCLOSURES UP TO 150 MPH WIND LOAD ALL WIND SPEEDS PRESSURE 10 PSF		MAX. SPANS FOR WALL UPRIGHTS FOR SCREEN ROOF/POOL ENCLOSURES	
ROOF BEAM SPANS		WALL UPRIGHT HEIGHTS	
Interpolation between spans is permitted.		Interpolation between spans is permitted.	

THIS PAGE CAN ONLY BE USED BY A CONTRACTOR THAT IS APPROVED TO USE THE MASTERFILE MANUAL OR THE PAGE HAS AN ORIGINAL SIGNATURE AND SEAL.

FLILINE INC.  
1025 S. SEMORAN BLVD.  
SUITE 1093  
WINTER PARK FL 32792  
TEL. (407) 679-7500  
FAX (407) 679-9188

FEB 15 2005

REVISED 02/15/05

Gordon H. Shepardson, P.E.  
Florida P.E. 19333